

* * * * * Welcome to STN International * * * * *

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NEWS 2 "Ask CAS" for self-help around the clock
NEWS 3 JUL 20 Powerful new interactive analysis and visualization software, STN AnaVist, now available
NEWS 4 AUG 11 Derwent World Patents Index(R) web-based training during August
NEWS 5 AUG 11 STN AnaVist workshops to be held in North America
NEWS 6 AUG 30 CA/CAPLUS - Increased access to 19th century research documents
NEWS 7 AUG 30 CASREACT - Enhanced with displayable reaction conditions
NEWS 8 SEP 09 ACD predicted properties enhanced in REGISTRY/ZREGISTRY

NEWS EXPRESS JUNE 13 CURRENT WINDOWS VERSION IS V8.0, CURRENT
 MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
 AND CURRENT DISCOVER FILE IS DATED 13 JUNE 2005

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 15:12:25 ON 18 SEP 2005

=> file reg		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 15:12:32 ON 18 SEP 2005

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STRUCTURE FILE UPDATES: 16 SEP 2005 HIGHEST RN 863378-74-9
 DICTIONARY FILE UPDATES: 16 SEP 2005 HIGHEST RN 863378-74-9

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2005

Please note that search-term pricing does apply when conducting SmartSELECT searches.

```

*****
*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*
*****

```

Structure search iteration limits have been increased. See HELP SLIMITS for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

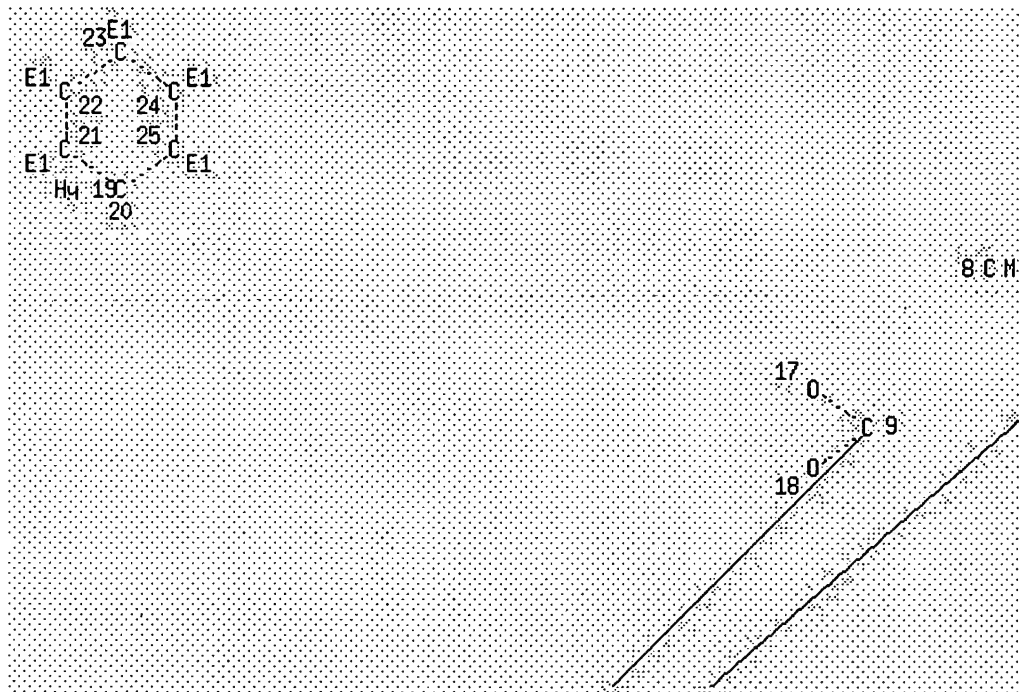
Uploading structure

L1 STRUCTURE UPLOADED

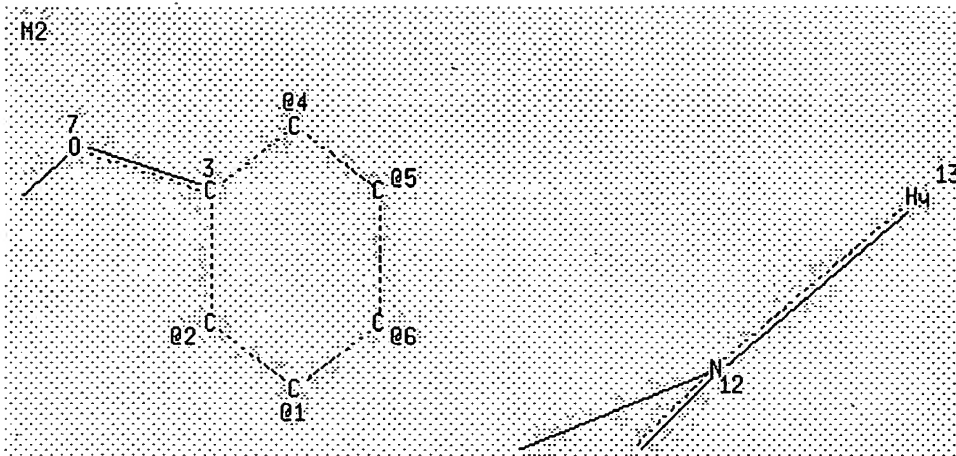
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L1 HAS NO ANSWERS

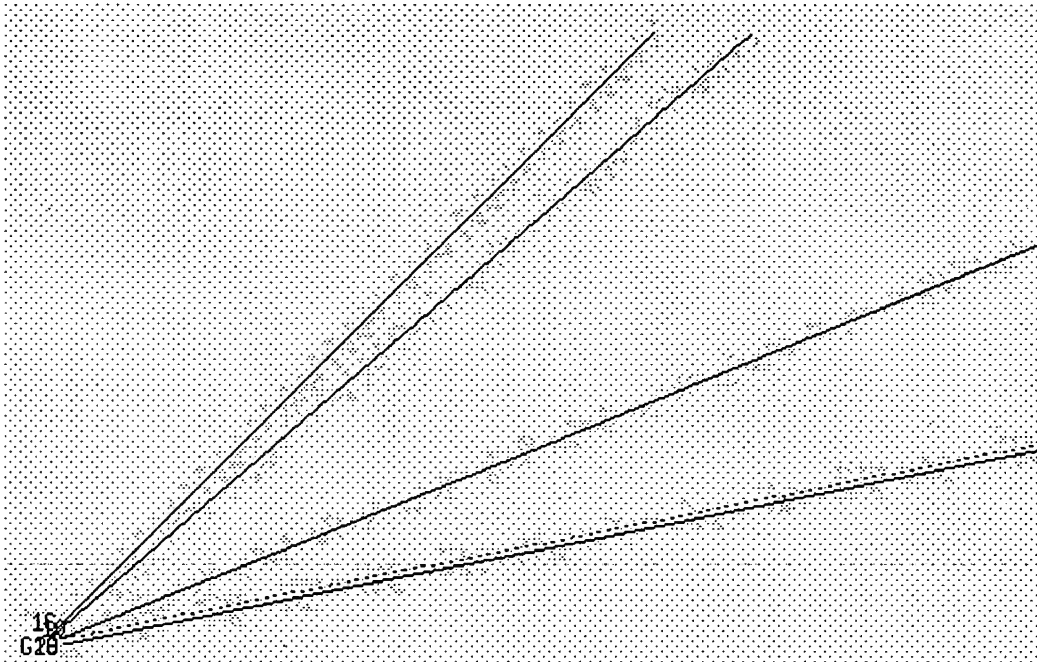
L1 STR



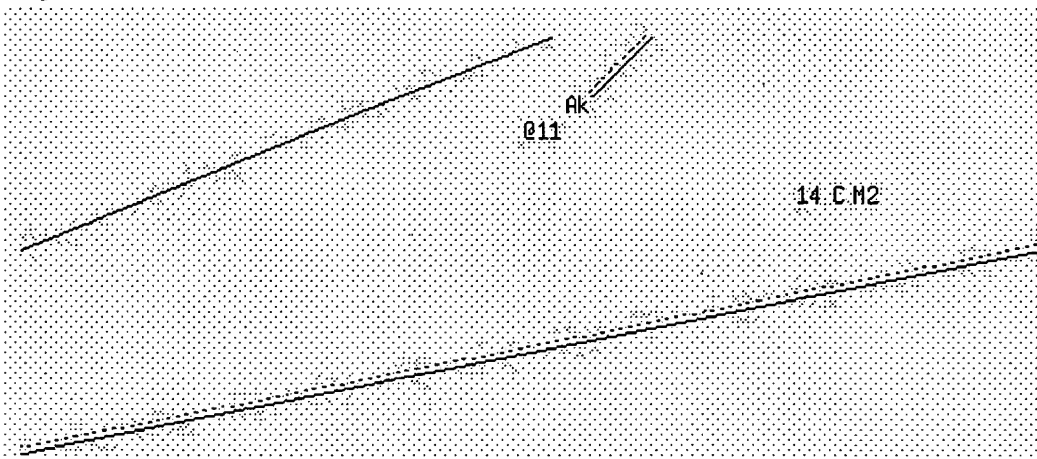
Page 1-A



Page 1-B



Page 2-A



Page 2-B

G1 15

Page 2-C

VAR G1=19/20

REP G19=(1-3) 14-12 14-15

REP G20=(1-2) 8-7 8-9

VPA 11-1/2/4/5/6 S

NODE ATTRIBUTES:

HCOUNT	IS M2	AT	8
HCOUNT	IS M2	AT	14
HCOUNT	IS E1	AT	21
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NSPEC	IS R	AT	1
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NSPEC	IS R	AT	5
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NSPEC	IS C	AT	15
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NSPEC	IS C	AT	17
NSPEC	IS C	AT	18

DEFAULT MLEVEL IS ATOM

MLEVEL IS CLASS AT 7 8 9 11 12 14 17 18 19 20 21 22 23 24 25

DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:

RSPEC I

NUMBER OF NODES IS 25

STEREO ATTRIBUTES: NONE

=> s 11

SAMPLE SEARCH INITIATED 15:15:31 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 2771 TO ITERATE

72.2% PROCESSED 2000 ITERATIONS

1 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 52263 TO 58577

PROJECTED ANSWERS: 1 TO 97

L2 1 SEA SSS SAM L1

=> s 11 full

THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 160.90 U.S. DOLLARS

DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y

FULL SEARCH INITIATED 15:15:37 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 56213 TO ITERATE

100.0% PROCESSED 56213 ITERATIONS
SEARCH TIME: 00.00.01

9 ANSWERS

L3 9 SEA SSS FUL L1

=> file hcaplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

163.05

163.26

FILE 'HCAPLUS' ENTERED AT 15:15:41 ON 18 SEP 2005

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FILE COVERS 1907 - 18 Sep 2005 VOL 143 ISS 13

FILE LAST UPDATED: 16 Sep 2005 (20050916/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 13

L4 2 L3

=> d l4, ibib abs hitstr, 1-2

L4 ANSWER 1 OF 2 HCAPLUS COPYRIGHT 2005 ACS on STN

Full Text References

ACCESSION NUMBER: 2003:922669 HCAPLUS

DOCUMENT NUMBER: 139:395923

TITLE: Preparation of benzoxazoles as PPAR α agonists

INVENTOR(S): Yamazaki, Yukiyo; Toma, Tsutomu; Nishikawa, Masahiro; Ozawa, Hidefumi; Okuda, Ayumu; Abe, Kazutoyo; Oda, Soichi

PATENT ASSIGNEE(S): Kowa Co., Ltd., Japan

SOURCE: U.S., 63 pp.

CODEN: USXXAM

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 6653334	B1	20031125	US 2002-329547	20021227
JP 2004210776	A2	20040729	JP 2003-428197	20031224

EP 1433786

A1 20040630

EP 2003-29917

20031229

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK

PRIORITY APPLN. INFO.:

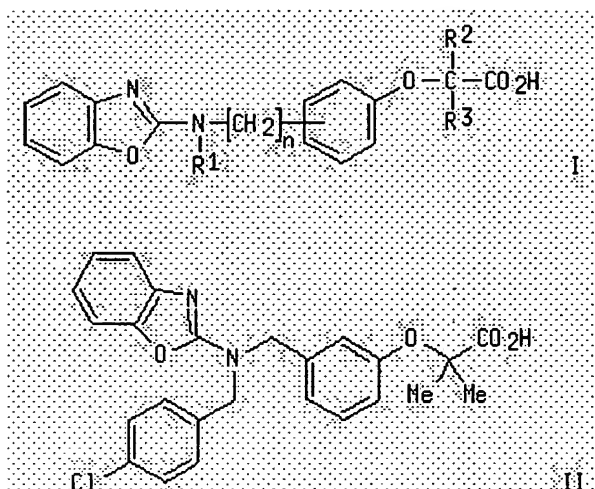
US 2002-329547

A 20021227

OTHER SOURCE(S):

MARPAT 139:395923

GI



AB The title compds. [I; $R^1 = H$, alkyl, arylalkyl, etc.; $R^2, R^3 = H$, Me, Et; $n = 1-3$] and their salts, which selectively activate $PPAR\alpha$, and are useful in preventing and/or treating hyperlipidemia, arteriosclerosis, diabetes, inflammation and heart diseases, were prepd. E.g., a 4-step synthesis of II (starting from 3-hydroxybenzaldehyde and Et 2-bromoisobutyrate) which showed EC_{50} of $0.001 \mu M$, $0.2 \mu M$ and $>10 \mu M$ with respect to $hPPAR\alpha$, $hPPAR\gamma$ and $hPPAR\delta$, resp., was given. Pharmaceutical compn. comprising the compd. I is claimed.

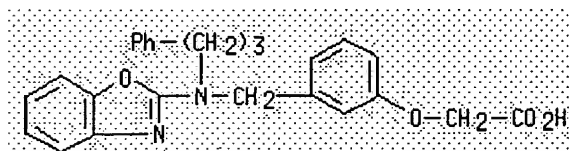
IT 627095-57-2P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of benzoxazoles as $PPAR\alpha$ agonists)

RN 627095-57-2 HCAPLUS

CN Acetic acid, [3-[[2-benzoxazolyl(3-phenylpropyl)amino]methyl]phenoxy]-
(9CI) (CA INDEX NAME)



REFERENCE COUNT:

30

THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 2 HCAPLUS COPYRIGHT 2005 ACS on STN

Full Text
Citing References

ACCESSION NUMBER: 1998:259658 HCAPLUS

DOCUMENT NUMBER: 128:294701

TITLE: Preparation of N-bipiperidinybenzamides and analogs

as cell adhesion inhibitors

INVENTOR(S): Pieper, Helmut; Linz, Guenter; Austel, Volkhard; Himmelsbach, Frank; Guth, Brian; Weisenberger, Johannes

PATENT ASSIGNEE(S): Dr. Karl Thomae G.m.b.H., Germany

SOURCE: Ger. Offen., 40 pp.
CODEN: GWXXBX

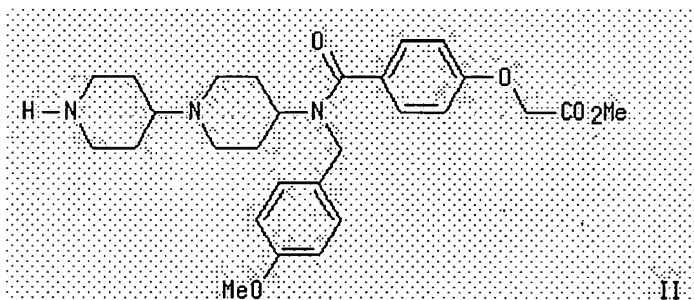
DOCUMENT TYPE: Patent

LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 19643331	A1	19980423	DE 1996-19643331	19961021
WO 9817646	A1	19980430	WO 1997-EP5683	19971015
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
AU 9748674	A1	19980515	AU 1997-48674	19971015
PRIORITY APPLN. INFO.:			DE 1996-19643331	A 19961021
			WO 1997-EP5683	W 19971015
OTHER SOURCE(S):		MARPAT 128:294701		
GI				



AB RaZNRbABD [I; A = Z1Z2; B = CO, CH2CO, OCH2CO, NHCH2CO, etc.; D = OH, (phenyl)alkoxy, cycloalkyloxy, etc.; Ra = H, (ar)alkyl, metabolically labile group, etc.; Rb = H, (cyclo)alkyl, aryl(alkyl), pyridyl(alkyl), ZRa, etc.; Z = 4,1'-bipiperidine-1,4'-diyl; Z1 = CO, CH2, CONH; Z2 = cyclohexylene, phenylene, etc.] were prepd. Thus, 4-(MeO)C6H4CH2NH2 was reductively condensed with 1-tert-butoxycarbonyl-4-piperidone and the product amidated by 4-(HO2C)C6H4OCH2CO2Me to give, in 3 addnl. steps, title compd. II. Data for biol. activity of I were given.

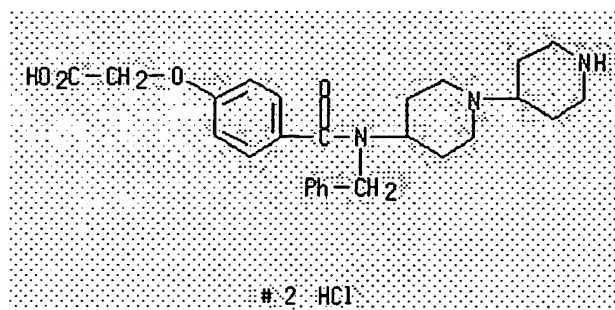
IT 206273-48-5P 206273-49-6P 206273-65-6P
206273-66-7P 206273-75-8P 206273-77-0P
206273-82-7P 206273-83-8P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (prepn. of N-bipiperidinybenzamides and analogs as cell adhesion inhibitors)

RN 206273-48-5 HCAPLUS

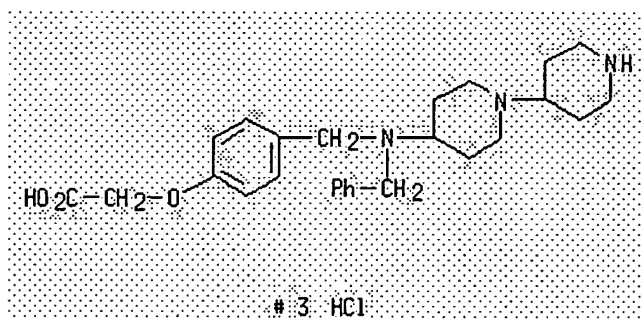
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oxy]-, dihydrochloride (9CI) (CA INDEX NAME)



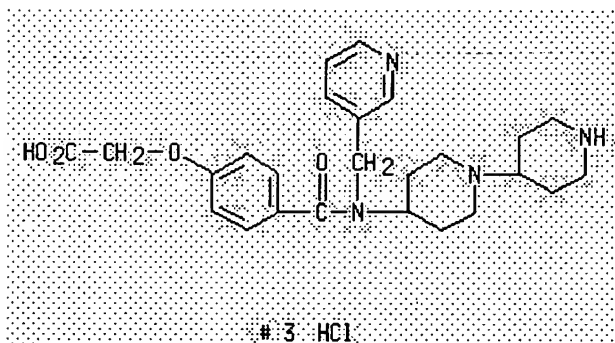
RN 206273-49-6 HCAPLUS

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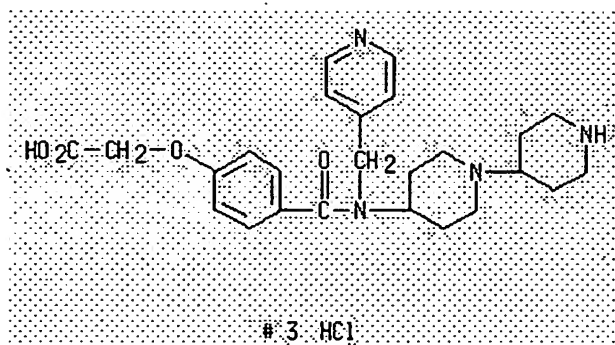
RN 206273-65-6 HCAPLUS

CN Acetic acid, [4-[[[1,4'-bipiperidin]-4-yl(3-pyridinylmethyl)amino]carbonyl]phenoxy]-, trihydrochloride (9CI) (CA INDEX NAME)



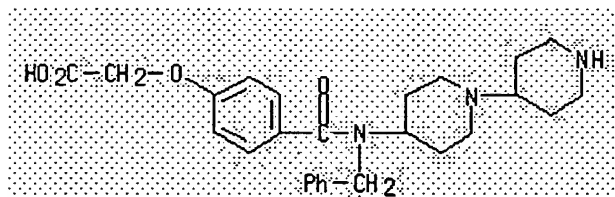
RN 206273-66-7 HCAPLUS

CN Acetic acid, [4-[[[1,4'-bipiperidin]-4-yl(4-pyridinylmethyl)amino]carbonyl]phenoxy]-, trihydrochloride (9CI) (CA INDEX NAME)



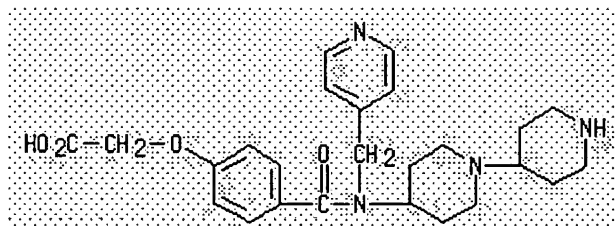
RN 206273-75-8 HCAPLUS

CN Acetic acid, [4-[[[1,4'-bipiperidin]-4-yl (phenylmethyl) amino] carbonyl] phenoxy]- (9CI) (CA INDEX NAME)



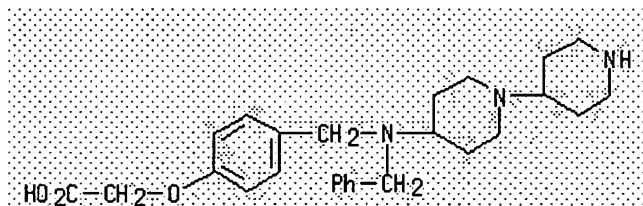
RN 206273-77-0 HCAPLUS

CN Acetic acid, [4-[[[1,4'-bipiperidin]-4-yl (4-pyridinylmethyl) amino] carbonyl] phenoxy]- (9CI) (CA INDEX NAME)



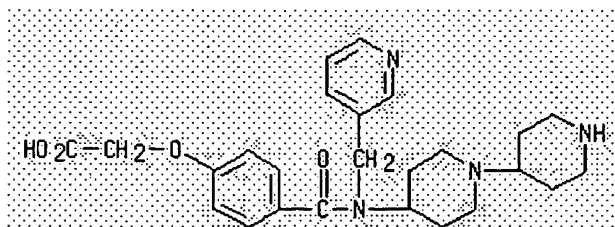
RN 206273-82-7 HCAPLUS

CN Acetic acid, [4-[[[1,4'-bipiperidin]-4-yl (phenylmethyl) amino] methyl] phenoxy]- (9CI) (CA INDEX NAME)



RN 206273-83-8 HCAPLUS

CN Acetic acid, [4-[[[1,4'-bipiperidin]-4-yl (3-pyridinylmethyl) amino] carbonyl] phenoxy]- (9CI) (CA INDEX NAME)



=> file caold

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	12.33	175.59
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	-1.46	-1.46

FILE 'CAOLD' ENTERED AT 15:15:59 ON 18 SEP 2005
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FILE COVERS 1907-1966
 FILE LAST UPDATED: 01 May 1997 (19970501/UP)

This file contains CAS Registry Numbers for easy and accurate substance identification. Title keywords, authors, patent assignees, and patent information, e.g., patent numbers, are now searchable from 1907-1966. TIFF images of CA abstracts printed between 1907-1966 are available in the PAGE display formats.

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This file supports REGISTRY for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for more information.

=> d his

(FILE 'HOME' ENTERED AT 15:12:25 ON 18 SEP 2005)

FILE 'REGISTRY' ENTERED AT 15:12:32 ON 18 SEP 2005

L1 STRUCTURE UPLOADED
 L2 1 S L1
 L3 9 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 15:15:41 ON 18 SEP 2005

L4 2 S L3

FILE 'CAOLD' ENTERED AT 15:15:59 ON 18 SEP 2005

=> s l3

L5 0 L3

=> file reg

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	0.43	176.02
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	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-1.46

FILE 'REGISTRY' ENTERED AT 15:16:05 ON 18 SEP 2005
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STRUCTURE FILE UPDATES: 16 SEP 2005 HIGHEST RN 863378-74-9
DICTIONARY FILE UPDATES: 16 SEP 2005 HIGHEST RN 863378-74-9

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*****
*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*
*****
```

Structure search iteration limits have been increased. See HELP SLIMITS for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

```
=> s cadila, r?/au and henke, b?/au and ill, m?/au and liu, g?/au and smith, j?/au
NUMERIC VALUE NOT VALID 'CADILA, R?'
NUMERIC VALUE NOT VALID 'HENKE, B?'
NUMERIC VALUE NOT VALID 'ILL, M?'
NUMERIC VALUE NOT VALID 'LIU, G?'
NUMERIC VALUE NOT VALID 'SMITH, J?'
      0 CADILA, R?/AU
      0 HENKE, B?/AU
      0 ILL, M?/AU
      0 LIU, G?/AU
      0 SMITH, J?/AU
L6      0 CADILA, R?/AU AND HENKE, B?/AU AND ILL, M?/AU AND LIU, G?/AU
      AND SMITH, J?/AU
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COST IN U.S. DOLLARS                SINCE FILE      TOTAL
                                     ENTRY      SESSION
FULL ESTIMATED COST                24.29      200.31

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)  SINCE FILE      TOTAL
                                               ENTRY      SESSION
CA SUBSCRIBER PRICE                0.00      -1.46
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FILE 'HCAPLUS' ENTERED AT 15:17:40 ON 18 SEP 2005
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FILE COVERS 1907 - 18 Sep 2005 VOL 143 ISS 13
FILE LAST UPDATED: 16 Sep 2005 (20050916/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

```
=> s cadilla, r?/au and henke, b?/au and ill, m?/au and liu, g?/au and smith, j?/au
    11 CADILLA, R?/AU
    139 HENKE, B?/AU
    3 ILL, M?/AU
    8826 LIU, G?/AU
    17431 SMITH, J?/AU
L7      0 CADILLA, R?/AU AND HENKE, B?/AU AND ILL, M?/AU AND LIU, G?/AU
        AND SMITH, J?/AU
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                               ENTRY      SESSION
FULL ESTIMATED COST          2.45      202.76

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)  SINCE FILE      TOTAL
                                               ENTRY      SESSION
CA SUBSCRIBER PRICE          0.00      -1.46
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FILE 'REGISTRY' ENTERED AT 15:18:05 ON 18 SEP 2005
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STRUCTURE FILE UPDATES: 16 SEP 2005 HIGHEST RN 863378-74-9
DICTIONARY FILE UPDATES: 16 SEP 2005 HIGHEST RN 863378-74-9

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2005

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```
*****
*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added,   *
* effective March 20, 2005. A new display format, IDERL, is now      *
```

* available and contains the CA role and document type information. *
 *

Structure search iteration limits have been increased: See HELP SLIMITS for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

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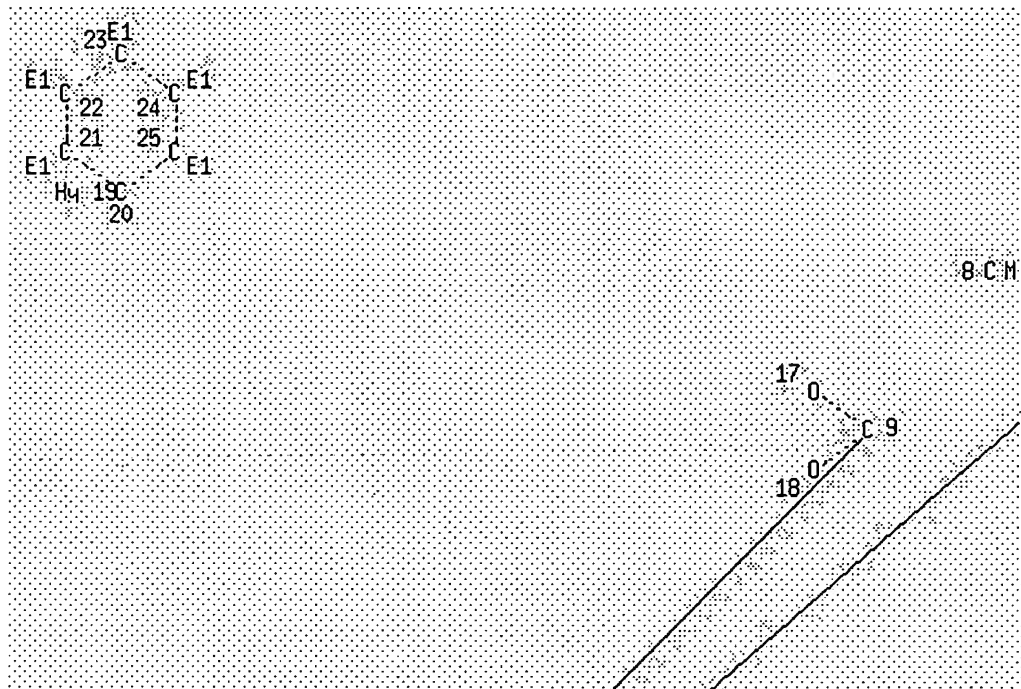
Uploading structure

L8 STRUCTURE UPLOADED

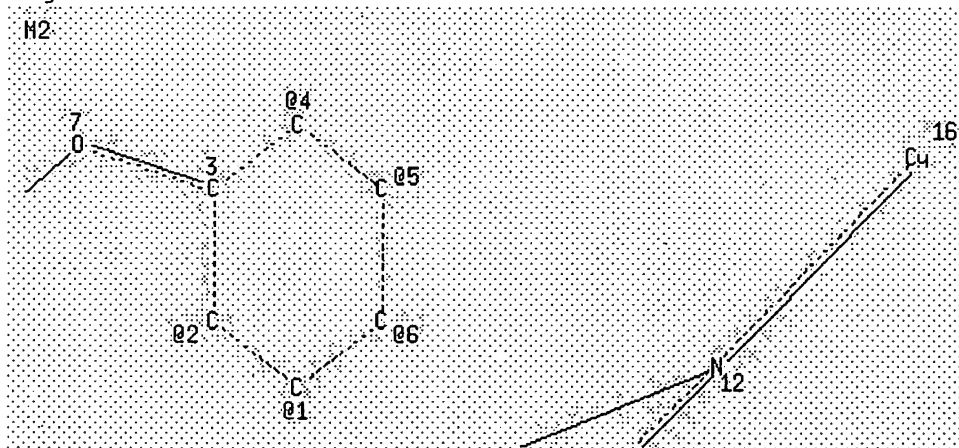
=> d l8

L8 HAS NO ANSWERS

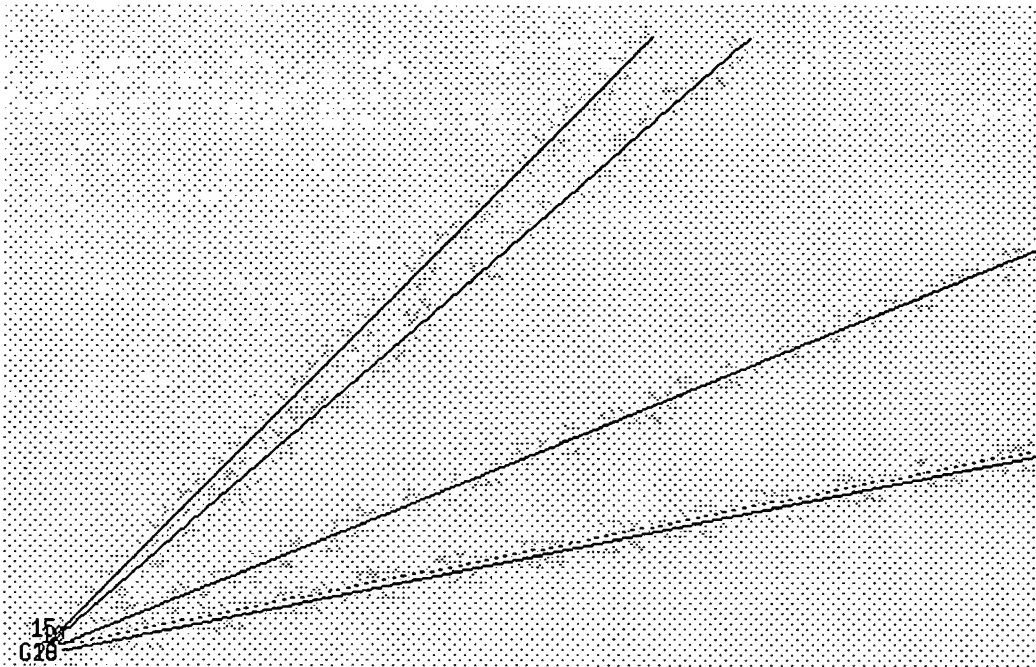
L8 STR



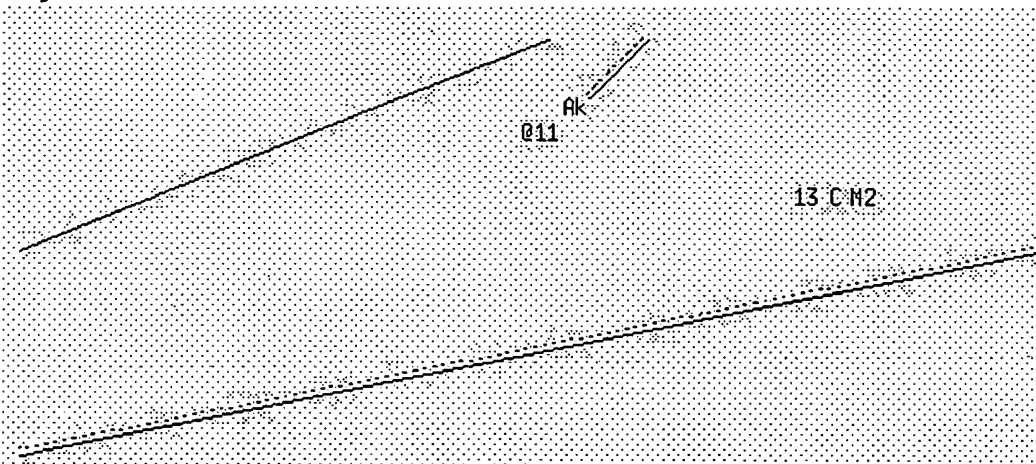
Page 1-A



Page 1-B



Page 2-A



Page 2-B

--- G1 14

Page 2-C

VAR G1=19/20

REP G19=(1-3) 13-12 13-14

REP G20=(1-2) 8-7 8-9

VPA 11-1/2/4/5/6 S

NODE ATTRIBUTES:

HCOUNT	IS M2	AT	8
HCOUNT	IS M2	AT	13
HCOUNT	IS E1	AT	21
HCOUNT	IS E1	AT	22
HCOUNT	IS E1	AT	23
HCOUNT	IS E1	AT	24
HCOUNT	IS E1	AT	25
NSPEC	IS R	AT	1
NSPEC	IS R	AT	2
NSPEC	IS R	AT	3
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NSPEC	IS R	AT	5
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NSPEC  IS C      AT   7
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DEFAULT MLEVEL IS ATOM
MLEVEL  IS CLASS AT   7  8  9 11 12 13 16 17 18 19 20 21 22 23 24 25
DEFAULT ECLEVEL IS LIMITED

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GRAPH ATTRIBUTES:

RSPEC I

NUMBER OF NODES IS 25

STEREO ATTRIBUTES: NONE

=> s 18

SAMPLE SEARCH INITIATED 15:18:55 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 2771 TO ITERATE

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72.2% PROCESSED      2000 ITERATIONS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

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3 ANSWERS

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FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:   52263 TO   58577
PROJECTED ANSWERS:      3 TO     205

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L9 3 SEA SSS SAM L8

=> s 18 full

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THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 160.90 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y
FULL SEARCH INITIATED 15:19:00 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 56213 TO ITERATE

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100.0% PROCESSED      56213 ITERATIONS
SEARCH TIME: 00.00.01

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15 ANSWERS

L10 15 SEA SSS FUL L8

=> d his

(FILE 'HOME' ENTERED AT 15:12:25 ON 18 SEP 2005)

FILE 'REGISTRY' ENTERED AT 15:12:32 ON 18 SEP 2005

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L1      STRUCTURE UPLOADED
L2      1 S L1
L3      9 S L1 FULL

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FILE 'HCAPLUS' ENTERED AT 15:15:41 ON 18 SEP 2005

L4 2 S L3

FILE 'CAOLD' ENTERED AT 15:15:59 ON 18 SEP 2005
L5 0 S L3

FILE 'REGISTRY' ENTERED AT 15:16:05 ON 18 SEP 2005
L6 0 S CADILA, R?/AU AND HENKE, B?/AU AND ILL, M?/AU AND LIU, G?/AU

FILE 'HCAPLUS' ENTERED AT 15:17:40 ON 18 SEP 2005
L7 0 S CADILLA, R?/AU AND HENKE, B?/AU AND ILL, M?/AU AND LIU, G?/AU

FILE 'REGISTRY' ENTERED AT 15:18:05 ON 18 SEP 2005
L8 STRUCTURE UPLOADED
L9 3 S L8
L10 15 S L8 FULL

=> s l10 not l3
L11 6 L10 NOT L3

=> file hcaplus		
COST IN U.S. DOLLARS	SINCE FILE	TOTAL
	ENTRY	SESSION
FULL ESTIMATED COST	161.76	364.52
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
	ENTRY	SESSION
CA SUBSCRIBER PRICE	0.00	-1.46

FILE 'HCAPLUS' ENTERED AT 15:19:11 ON 18 SEP 2005
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FILE COVERS 1907 - 18 Sep 2005 VOL 143 ISS 13
FILE LAST UPDATED: 16 Sep 2005 (20050916/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s l11
L12 3 L11

=> d l12, ibib abs hitstr, 1-3

L12 ANSWER 1 OF 3 HCAPLUS COPYRIGHT 2005 ACS on STN

Full
Text

ACCESSION NUMBER: 1995:943483 HCAPLUS

DOCUMENT NUMBER: 123:339767
 TITLE: Preparation of naphthalene and quinoline derivatives
 as glycoprotein GP IIb/IIa antagonists
 INVENTOR(S): Ashimori, Atsuyuki; Yoshida, Tomohiro; Ono,
 Shinichiro; Eda, Masahiro; Kosaka, Keigo; Mori, Fumio;
 Inoe, Yoshihisa; Imada, Mitsuaki; Ikegawa, Ruriko; Et,
 Al.
 PATENT ASSIGNEE(S): Green Cross Corp, Japan
 SOURCE: Jpn. Kokai Tokkyo Koho, 38 pp.
 CODEN: JKXXAF
 DOCUMENT TYPE: Patent
 LANGUAGE: Japanese
 FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
<u>JP 07179407</u>	A2	19950718	<u>JP 1994-278180</u>	19941111
<u>PRIORITY APPLN. INFO.:</u>			<u>JP 1993-282938</u>	A 19931112
OTHER SOURCE(S):	MARPAT 123:339767			
GI				

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

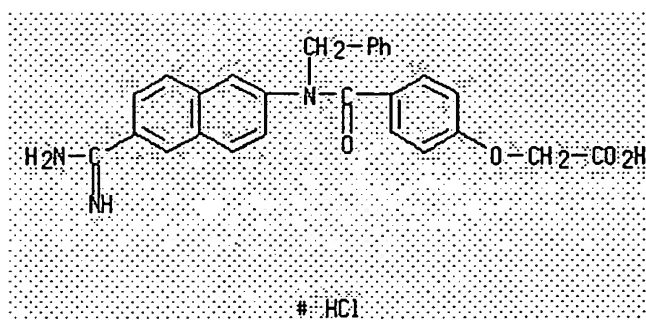
AB The title compds. [I; A = ENHC(:NH), ENHC(:NH)NH, ENH(CH₂)_n; wherein E = H, amidino, guanidino, NH₂-protective group; B = Q - Q₃; wherein D = (Z)g(CH₂)hCO₂R₅; Z = O, NR₆; R₁, R₂, R₃, R₄ = H, alkyl, halo, acyl, alkoxy; R₆ = H, alkyl, cycloalkyl, aralkyl; R₆ = H, alkyl, aralkyl; G = CH, N; L, M = O, NR₆; a, c, g, m = 0,1; b, d, e, h = 0,1-3, f = 1-3; n = 1,2], which inhibit blood platelet aggregation, have long-lasting serum life, little side-effects, and low toxicity, can be administered orally, and are useful for the treatment and prevention of thrombotic diseases or thrombus formation during surgery and circulation outside the body, are prepd. Thus, 6-cyano-2-quinolinecarboxylic acid was condensed with tert-Bu trans-(4-aminocyclohexyloxy)acetate by using 1-ethyl-3-(3-dimethylaminopropyl)carbodiimide hydrochloride in DMF at room temp. to give a quinoline deriv. (II; G = N, R = tert-Bu, R₇ = cyano). II (G = CH, R = amidino, R₇ = H) in vitro showed IC₅₀ of 0.050 μM for inhibiting the human blood platlet aggregation induced by ADP.

IT 170737-07-2P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (prepn. of naphthalene and quinoline derivs. as glycoprotein GP IIb/IIa antagonists, antithrombotics, and blood platelet aggregation inhibitors)

RN 170737-07-2 HCAPLUS

CN Acetic acid, [4-[[[6-(aminoiminomethyl)-2-naphthalenyl](phenylmethyl)amino]carbonyl]phenoxy]-, monohydrochloride (9CI) (CA INDEX NAME)



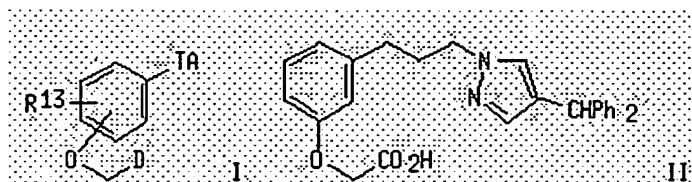
L12 ANSWER 2 OF 3 HCAPLUS COPYRIGHT 2005 ACS on STN

Full
Text

Chemical
References

ACCESSION NUMBER: 1994:134462 HCAPLUS
DOCUMENT NUMBER: 120:134462
TITLE: Heterocyclic phenoxyacetic acid derivative
antithrombotic and antihypertensive agents
INVENTOR(S): Hamanaka, Nobuyuki; Takahashi, Kanji; Tokumoto,
Hidekado
PATENT ASSIGNEE(S): Ono Pharmaceutical Co., Ltd., Japan
SOURCE: Eur. Pat. Appl., 112 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 558062	A2	19930901	EP 1993-103113	19930226
EP 558062	A3	19940112		
EP 558062	B1	19970507		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
CA 2090283	AA	19930829	CA 1993-2090283	19930224
JP 06056744	A2	19940301	JP 1993-59418	19930225
JP 3162532	B2	20010508		
JP 2000086635	A2	20000328	JP 1999-215279	19930225
JP 3487415	B2	20040119		
AT 152712	E	19970515	AT 1993-103113	19930226
ES 2103989	T3	19971001	ES 1993-103113	19930226
KR 187325	B1	19990515	KR 1993-2879	19930227
US 5378716	A	19950103	US 1993-24306	19930301
US 5536736	A	19960716	US 1994-293218	19940819
US 5703099	A	19971230	US 1996-642598	19960503
US 5935985	A	19990810	US 1997-925587	19970908
PRIORITY APPLN. INFO.:				
			JP 1992-78330	A 19920228
			JP 1993-59418	A3 19930225
			US 1993-24306	A3 19930301
			US 1994-293218	A3 19940819
			US 1996-642598	A3 19960503
OTHER SOURCE(S):	MARPAT 120:134462			
GI				



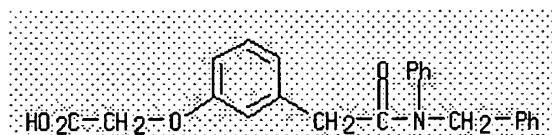
AB The title compds. I [A = heterocyclcyl, carboxylate, (un)substituted CH₂NH₂, etc.; D = CO₂R₁₀, CONR₁₁R₁₂; R₁₀ = H, C₁-12 alkyl; R₁₁, R₁₂ = H, C₁-4 alkyl; R₁₃ = H, C₁-4 alkyl, C₁-4 alkoxy, NO₂; T = direct bond, C₁-6 alkylene, C₂-6 alkenylene, O(CH₂)_s; s = 2-4], useful in the treatment of thrombosis, arteriosclerosis, ischemic heart disease, gastric ulcer, or hypertension, are prep'd. and I-contg. formulations are presented. Thus, Me 3-[3-(4-diphenylmethylpyrazol-1-yl)propyl]phenoxyacetate was hydrolyzed, producing pyrazole deriv. II which demonstrated a 50% human blood platelet aggregation inhibitory concn. of 0.42 μM.

IT 152380-94-4 152381-04-9 152381-14-1

RL: RCT (Reactant); RACT (Reactant or reagent)
(antithrombotic and antihypertensive activity of)

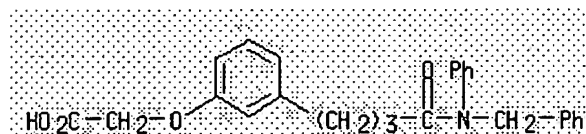
RN 152380-94-4 HCAPLUS

CN Acetic acid, [3-[2-oxo-2-[phenyl(phenylmethyl)amino]ethyl]phenoxy]- (9CI)
(CA INDEX NAME)



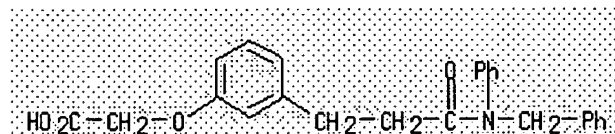
RN 152381-04-9 HCAPLUS

CN Acetic acid, [3-[4-oxo-4-[phenyl(phenylmethyl)amino]butyl]phenoxy]- (9CI)
(CA INDEX NAME)



RN 152381-14-1 HCAPLUS

CN Acetic acid, [3-[3-oxo-3-[phenyl(phenylmethyl)amino]propyl]phenoxy]- (9CI)
(CA INDEX NAME)

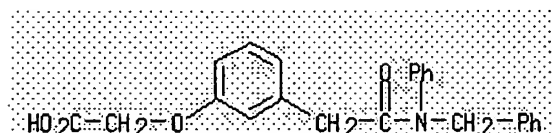


IT 152380-94-4P 152381-04-9P 152381-14-1P

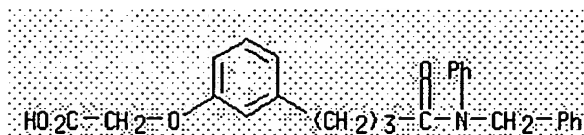
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(prepn. and antithrombotic and antihypertensive activity of)

RN 152380-94-4 HCAPLUS

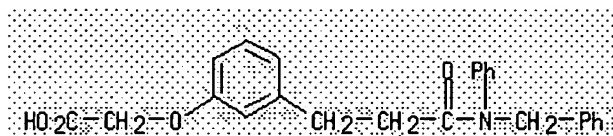
CN Acetic acid, [3-[2-oxo-2-[phenyl(phenylmethyl)amino]ethyl]phenoxy]- (9CI)
(CA INDEX NAME)



RN 152381-04-9 HCAPLUS
 CN Acetic acid, [3-[4-oxo-4-[phenyl(phenylmethyl)amino]butyl]phenoxy]- (9CI)
 (CA INDEX NAME)



RN 152381-14-1 HCAPLUS
 CN Acetic acid, [3-[3-oxo-3-[phenyl(phenylmethyl)amino]propyl]phenoxy]- (9CI)
 (CA INDEX NAME)



L12 ANSWER 3 OF 3 HCAPLUS COPYRIGHT 2005 ACS on STN

Full
Text

Chemical
References

ACCESSION NUMBER: 1992:41102 HCAPLUS
 DOCUMENT NUMBER: 116:41102
 TITLE: Preparation of arylcarboxylic-acid and sulfonic-acid amides as drugs
 INVENTOR(S): Alig, Leo; Edenhofer, Albrecht; Mueller, Marcel; Trzeciak, Arnold; Weller, Thomas
 PATENT ASSIGNEE(S): Hoffmann-La Roche, F., und Co. A.-G., Switz.
 SOURCE: Eur. Pat. Appl., 35 pp.
 CODEN: EPXXDW
 DOCUMENT TYPE: Patent
 LANGUAGE: German
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
<u>EP 381033</u>	A1	19900808	<u>EP 1990-101404</u>	19900124
<u>EP 381033</u>	B1	19940323		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL				
<u>US 5084466</u>	A	19920128	<u>US 1990-465858</u>	19900116
<u>HU 53070</u>	A2	19900928	<u>HU 1990-218</u>	19900122
<u>HU 206193</u>	B	19920928		
<u>CA 2008311</u>	AA	19900731	<u>CA 1990-2008311</u>	19900123
<u>ZA 9000510</u>	A	19901031	<u>ZA 1990-510</u>	19900124
<u>AT 103273</u>	E	19940415	<u>AT 1990-101404</u>	19900124
<u>ES 2050851</u>	T3	19940601	<u>ES 1990-101404</u>	19900124
<u>AU 9048817</u>	A1	19900809	<u>AU 1990-48817</u>	19900125
<u>AU 632086</u>	B2	19921217		
<u>CZ 277999</u>	B6	19930317	<u>CZ 1990-354</u>	19900125
<u>IL 93170</u>	A1	19940530	<u>IL 1990-93170</u>	19900125
<u>SK 277762</u>	B6	19941207	<u>SK 1990-354</u>	19900125
<u>NO 9000418</u>	A	19900801	<u>NO 1990-418</u>	19900130
<u>NO 172536</u>	B	19930426		
<u>NO 172536</u>	C	19930804		
<u>RU 2072986</u>	C1	19970210	<u>RU 1990-4742946</u>	19900130
<u>JP 02235853</u>	A2	19900918	<u>JP 1990-19361</u>	19900131
<u>JP 08005848</u>	B4	19960124		

US 5256812	A	19931026	US 1991-755960	19910906
US 5399585	A	19950321	US 1993-114415	19930830
PRIORITY APPLN. INFO.:			CH 1989-326	A 19890131
			CH 1989-4069	A 19891113
			US 1990-465858	A3 19900116
			EP 1990-101404	A 19900124
			US 1991-755960	A3 19910906

OTHER SOURCE(S): MARPAT 116:41102

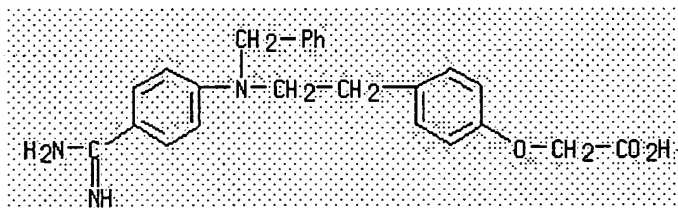
AB R1AWaX(CH2)bYcBZCO2R [R1 = amidino, guanidino; A, B = (substituted) phenylene, pyridinylene, thienylene; W = CH2, CH2CH2, CH:CH, CH:CHCH2, (CH2)3, CH2CHMe, COCH2, CH(OH)CH2, CH2COCH2; X = CONR2, SO2NR2; Y = CH2CH2, CH2CH2O, OCH2, CH:CH, CH2CH:CH, CH2, CH2COCH2, etc.; Z = OCH2, NR3CH2, CH2CH2, CHMeCH2, CH2, CH:CH, CMe:CH; R = H, alkyl, Ph, phenylalkyl; R2 = H, alkyl, (substituted) phenylalkyl, CH2CO2R, YBZCO2R; R3 = H, alkyl, PhCH2; a,b,c = 0-1] were prepd. Thus, a mixt. of 4-NCC6H4CO2H, 2-chloro-4,6-dimethoxy-1,3,5-triazine, N-methylmorpholine, and CH2Cl2 was stirred 3 h at room temp.; the mixt. was cooled to 0° and Me 4-(2-aminoethyl)phenoxyacetate and N-methylmorpholine in CH2Cl2 were added. The mixt. was stirred overnight at room temp. to give Me 4-[2-(p-cyanobenzamido)ethyl]phenoxyacetate. This was treated successively with H2S in pyridine/Et3N, MeI in acetone, NH4OAc in MeOH, aq. NaOH, and 4-MeC6H4SO3H in H2O to give [p-[2-(p-amidinobenzamido)ethyl]phenoxy]acetic acid toluenesulfonate. The latter inhibited binding of fibrinogen to glycoprotein IIb/IIIa with an IC50 of 0.04 µM.

IT 132224-35-2P

RL: SPN (Synthetic preparation); PREP (Preparation)
(prepn. of, as cardiovascular agent and neoplasm inhibitor)

RN 132224-35-2 HCAPLUS

CN Acetic acid, [4-[2-[[4-(aminoiminomethyl)phenyl](phenylmethyl)amino]ethyl]phenoxy]- (9CI) (CA INDEX NAME)



=> file caold

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
17.27	381.79

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
-2.19	-3.65

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FILE COVERS 1907-1966

FILE LAST UPDATED: 01 May 1997 (19970501/UP)

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substance identification. Title keywords, authors, patent assignees, and patent information, e.g., patent numbers, are now searchable from 1907-1966. TIFF images of CA abstracts printed between 1907-1966 are available in the PAGE display formats.

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=> d his

(FILE 'HOME' ENTERED AT 15:12:25 ON 18 SEP 2005)

FILE 'REGISTRY' ENTERED AT 15:12:32 ON 18 SEP 2005

L1 STRUCTURE UPLOADED

L2 1 S L1

L3 9 S L1 FULL

FILE 'HCAPLUS' ENTERED AT 15:15:41 ON 18 SEP 2005

L4 2 S L3

FILE 'CAOLD' ENTERED AT 15:15:59 ON 18 SEP 2005

L5 0 S L3

FILE 'REGISTRY' ENTERED AT 15:16:05 ON 18 SEP 2005

L6 0 S CADILA, R?/AU AND HENKE, B?/AU AND ILL, M?/AU AND LIU, G?/AU

FILE 'HCAPLUS' ENTERED AT 15:17:40 ON 18 SEP 2005

L7 0 S CADILLA, R?/AU AND HENKE, B?/AU AND ILL, M?/AU AND LIU, G?/AU

FILE 'REGISTRY' ENTERED AT 15:18:05 ON 18 SEP 2005

L8 STRUCTURE UPLOADED

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L10 15 S L8 FULL

L11 6 S L10 NOT L3

FILE 'HCAPLUS' ENTERED AT 15:19:11 ON 18 SEP 2005

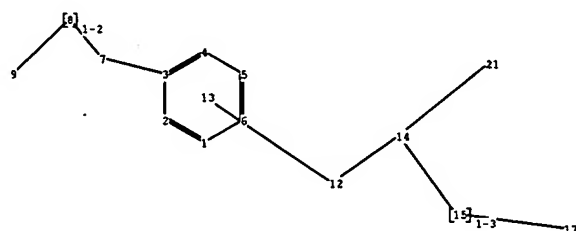
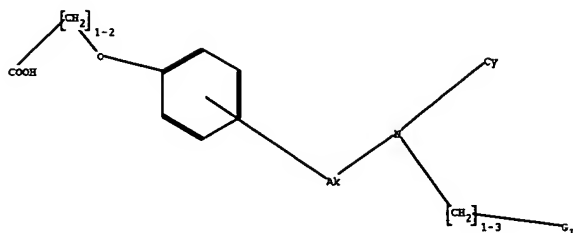
L12 3 S L11

FILE 'CAOLD' ENTERED AT 15:19:27 ON 18 SEP 2005

=> s l11

L13 0 L11

=>























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